

underneath the bottom 10.15 for easier handling of the housing 10. The adapter can be grasped by this and pulled out of the locking connection 10.4, 43, 45.

Claims

1. An adapter for the mechanical and electrical connection of electrical or electronic units with bus bars of a bus bar system, having a housing in which connecting contacts for the units are provided, wherein connecting lines, which are conducted along one side of the housing, are assigned to the connecting contacts, where they constitute a common connecting level, and wherein the electrical current lines are partially conducted into separate chambers of the housing, characterized in that the chambers (10.11, 10.12) are arranged laterally in the area of the side of the housing (10) extending vertically in respect to the connecting level, and

the connecting lines (20.2) are designed to be flexible.

2. The adapter in accordance with claim 1, characterized in that the chambers (10.11, 10.12) are arranged side-by-side and are sealed from each other by means of separating walls (10.9, 10.10, and

the chambers (10.11, 10.12) have been extended as far as the connecting level.

3. The adapter in accordance with claim 1 or 2, characterized in that the connecting lines (20.2) are designed as non-insulated textile tapes of rectangular cross section, whose

wide side extends parallel in respect to the associated side of the housing (10).

4. The adapter in accordance with one of claims 1 to 3, characterized in that the connecting line (20.2) is connected, for example welded, at its one end with a contact element (20) constituting the connecting contact,

on its other end the connecting line (20.2) is tied, for example welded, to a binder (20.9), and

the connecting line (20.2), the contact element and the binder (20.9) can be pre-assembled as a separate unit.

5. The adapter in accordance with one of claims 1 to 4, characterized in that the binder (20.9) has a binder bridge (20.3), which can be clamped together with the binder (20.9) for connecting an outgoing line to the connecting line (20.2),

the binder bridge (20.3) has a horizontal leg (20.4), which can be fixed in place on the housing (10),

the leg (20.4) makes a transition into an angled-off strip (20.5), to which the connecting line is connected (20.2), and

the strip (20.5) makes a transition into a pressure plate (20.6), to which the outgoing line can be clamped by means of a binder screw (20.8).

6. The adapter in accordance with one of claims 1 to 5, characterized in that the housing (10) has binder holders (10.13), which are placed side-by-side and spaced apart and are provided with guide grooves (10.14) facing each other, whose longitudinal extension is oriented transversely to the connecting lines (20.2), and

the binders (20.9) are pushed into the guide grooves (20.10) by means of lateral guide faces (20.10).

7. The adapter in accordance with claim 6, characterized in that the housing (10) can be covered, at least partially, by means of a cover (30), which is placed on it, and

the cover (30) has protrusions, which fix the binders (20.9) in place in the binder holders (10.13).

8. The adapter in accordance with one of claims 1 to 8, characterized in that the connecting lines are designed as woven copper tapes.

2 sheet(s) of drawings attached
